

## PART III

# EDIFACT MESSAGE IMPLEMENTATION GUIDE

### **Acknowledgement message APERAK**

of the:

PROTECT

DANGEROUS GOODS MESSAGE SCENARIO

## Table of contents

5 Acknowledgement message APERAK .....	3
5.1 Principles .....	3
5.2 Message Structure .....	6
5.3 Data segment specification .....	8
5.4 Code sets .....	21
5.5 Data segment index .....	25
5.6 Business data mapping .....	26

## 5 Acknowledgement message APERAK

### 5.1 Principles

The following principles apply to the APERAK (Application Error and Acknowledgement) message:

- 1- A message may first have been controlled at system level (CONTRL) to detect syntax errors and to acknowledge its receipt. It is then transmitted to the application for processing.  
The processing of the message in the application takes distinct steps towards validation/acceptance of the message contents.
- 2- The APERAK message is a message informing the sender of a message about the steps taken in processing his message in the recipients application.  
If an error is detected at the application level, which prevents its complete processing, an APERAK message is sent to the original message sender giving details of the error(s) encountered.  
An APERAK message can also be sent if no error has been detected and the validation of the message is completed and the message is accepted,.
- 3- The steps in processing fall in the following basic categories that are reported to the sender of an IFTDGN message (the types of acknowledgement):
  - received message is rejected for processing by the receiving application
  - received message is accepted for processing by the application,
  - received message is conditionally accepted during processing by the receiving application (meaning that errors encountered are to be corrected)
  - received message is rejected during processing by the receiving application
  - received message is approved after processing by the receiving application
- 4- The APERAK message may be automatically or manually processed at recipient's discretion.  
As most applications in the PROTECT environment will not be able to automatically process any errors reported it has been strongly recommended that in all ports both code and clear indication of the errors are contained in the message.
- 5- One APERAK message relates to one received message instance of a certain message type (e.g. in the PROTECT environment: one APERAK from the Port Authority relates to one received IFTDGN).
- 6- An APERAK reporting an error encountered in a certain consignment of an IFTDGN may contain the identification of the consignment (and may be also the identification of the goods item within that consignment) where the error was encountered. In this case the RFF segments in the application error segment group is used to refer to the CNI and GID group in the IFTDGN.
- 7- The message does not cater for the provision of sending updates (change, deletion, etc.) to an APERAK message. Only the 'original' option is supported.

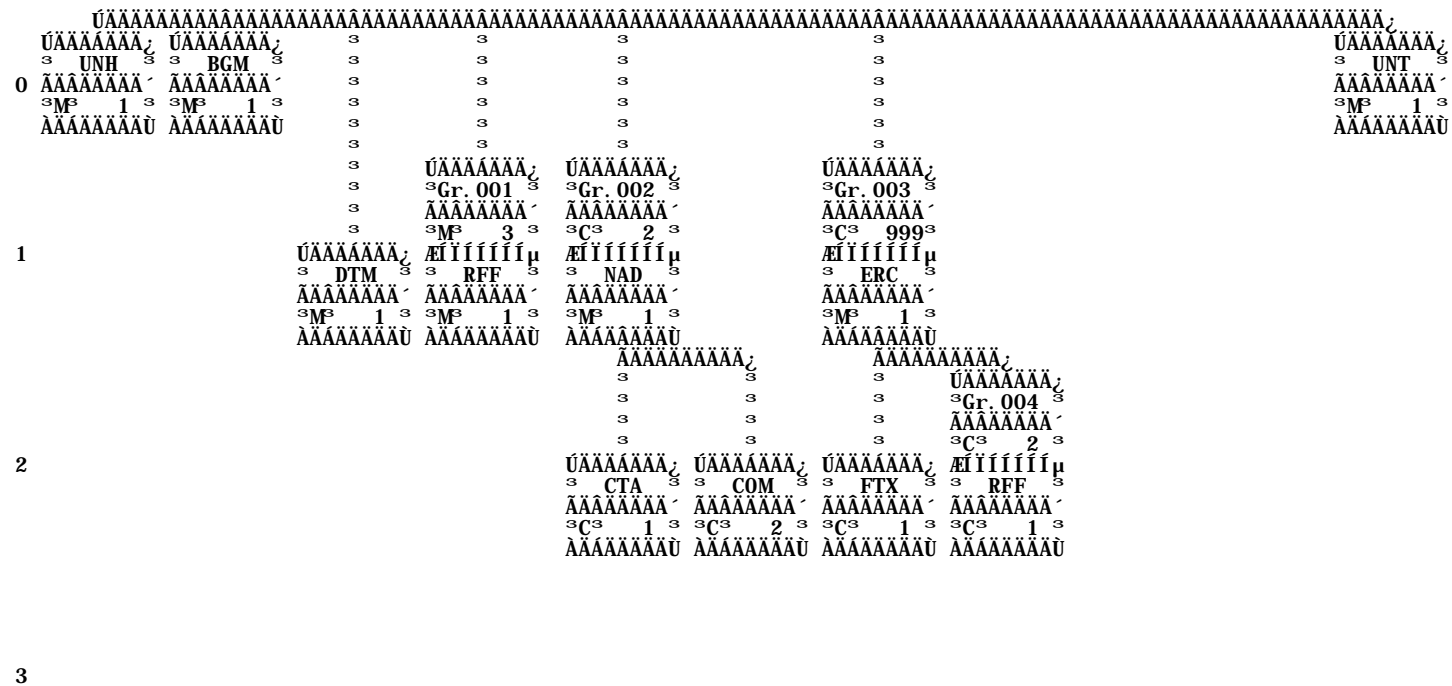


- 8- The message content is uniquely identified by means of the message reference (in BGM 1004) and the message sender identification (in NAD(MS) 3039).
- 9- The reference to the message to which the APERAK is the response (the message reference being answered to) is identified by the combination of:
- the original message senders reference (qualified as previous message reference, in RFF(ACW) and
  - the original message sender (now being the recipient of the APERAK in NAD(MR) 3039) and
  - the message type that the APERAK is the answer to (e.g. Dangerous Goods Notification message IFTDGN).

## **5.2 Message Structure**

Please refer to next page for the branching diagram.

Level



### 5.3 Data segment specification

UNH MESSAGE HEADER M

Function: To head, identify and specify a Message.

0062	MESSAGE REFERENCE NUMBER	M an..14	M
S009	MESSAGE IDENTIFIER	M	M
0065	Message type identifier	M an..6	M
0052	Message type version number	M an..3	M
0054	Message type release number	M an..3	M
0051	Controlling agency	M an..2	M
0057	Association assigned code	C an..6	M
0068	COMMON ACCESS REFERENCE	C an..35	-
S010	STATUS OF THE TRANSFER	C	-
0070	Sequence of transfers	M n..2	-
0073	First and last transfer	C al	-

---

Tag	M/C	Value	Description
-----	-----	-------	-------------

0062		MESSAGE REFERENCE NUMBER	A sender's unique message reference.
------	--	--------------------------	--------------------------------------

Instruction: This reference must be unique for the message occurrence regardless the message type and business application area. Data element [0062] must be identical in the UNH- and UNT-segment.

S009		MESSAGE IDENTIFIER	Identification of the type, version etc. of the message being interchanged.
------	--	--------------------	---

0065		Message type identifier	Type of message being transmitted.
------	--	-------------------------	------------------------------------

M	APERAK	Application Error and Acknowledgment message
---	--------	--

0052		Message type version number	Version number of the message type.
------	--	-----------------------------	-------------------------------------

M	D	
---	---	--

0054		Message type release number	Release number within current version number.
------	--	-----------------------------	---

M	98B	
---	-----	--

0051		Controlling agency	Code to identify the agency controlling the specification, maintenance and publication of the message type.
------	--	--------------------	---

M	UN	United Nations UN/ECE/TRADE/WP.4/EDIFACT
---	----	--

0057		Association assigned code	A code assigned by the association responsible for the design and maintenance of the message type.
------	--	---------------------------	--

M	PROT10	PROTECT Version 1.0
---	--------	---------------------



**BGM BEGINNING OF MESSAGE**

M

Function: To indicate the type and function of a message and to transmit the identifying number.

C002	DOCUMENT/MESSAGE NAME	C	M
1001	Document/message name, coded	C an..3	M
1131	Code list qualifier	C an..3	-
3055	Code list responsible agency, coded	C an..3	-
1000	Document/message name	C an..35	-
C106	DOCUMENT/MESSAGE IDENTIFICATION	C	M
1004	Document/message number	C an..35	M
1056	Version	C an..9	-
1060	Revision number	C an..6	-
1225	MESSAGE FUNCTION, CODED	C an..3	M
4343	RESPONSE TYPE, CODED	C an..3	M

**Tag M/C Value Description**

C002		DOCUMENT/MESSAGE NAME Identification of a type of document/message by code or name. Code preferred.
1001		Document/message name, coded Document identifier expressed in code.
Instruction:		Code for the type of message that was received and for which this message contains the acknowledgement information:
C	DGN	Message type IFTDGN, International Forwarding and Transport Dangerous Goods Notification message
C106		DOCUMENT/MESSAGE IDENTIFICATION Desc: Identification of a document/message by its number and eventually its version or revision.
1004		Document/message number Reference number assigned to the document/message by the issuer.
Instruction:		Reference number of the message instance assigned by the sender that must be unique for the sender within the message type and business application area.
1225		MESSAGE FUNCTION, CODED Code indicating the function of the message.
M	9	Original Initial transmission related to a given transaction.
4343		Response type, coded Code specifying the type of acknowledgment required or transmitted.
Instruction:		Code for the type of acknowledgement that the message contains, e.g. the received message is accepted or rejected for processing,
		or is approved after processing or rejected during processing by the receiving application or errors are encountered that require correction.

by	C	AP	Accepted Indication that the referenced offer or transaction (e.g., cargo booking or quotation request) has been accepted. Note: This code should be read as: indication that the referenced message is accepted/approved after completely being processed by the receiving application.
	C	AQ	Accepted for processing (new code) Indication that the referenced offer or transaction (e.g., cargo booking or quotation request) has been accepted for processing the receiving application (e.g. when processing is pending).
	C	CA	Conditionally accepted Indication that the referenced offer or transaction (e.g., cargo booking or quotation request) has been accepted under conditions indicated in this message. Note: This code should be read as: indication that the referenced message will be accepted for further processing by the receiving application in case the referenced errors are corrected.
	C	RE	Rejected Indication that the referenced offer or transaction (e.g., cargo booking or quotation request) is not accepted. Note: This code should be read as: indication that the referenced message is rejected after completely or partially being processed by the receiving application.
	C	RP	Rejected for processing (new code) Indication that the referenced offer or transaction (e.g., cargo booking or quotation request) has been rejected before it could actually being processed by the receiving application.

**DTM DATE/TIME/PERIOD**

M

Function: To specify date, time, period.

C507	DATE/TIME/PERIOD	M	M
2005	Date/time/period qualifier	M an..3	M
2380	Date/time/period	C an..35	M
2379	Date/time/period format qualifier	C an..3	M

**Tag M/C Value Description**

C507		DATE/TIME/PERIOD	Date and/or time relevant to the specified date/time type.
2005		Date/time/period qualifier	Code giving specific meaning to a date, time or period.
Instruction:			The date/time that the receiving application encounters the approval, rejection, conditional acceptance (error indication).
M	137	Document/message date/time	(2006) Date/time when a document/message is issued. This may include authentication.
2380		Date/time/period	The value of a date, a date and time, a time or of a period in a specified representation.
Instruction:			Date/times are specified in local time.
2379		Date/time/period format qualifier	Specification of the representation of a date, a date and time or of a period.
M	203	CCYYMMDDHHMM	Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minute.

**RFF REFERENCE**

M

Function: To specify a reference.

C506	REFERENCE	M	M
1153	Reference qualifier	M an..3	M
1154	Reference number	C an..35	M
1156	Line number	C an..6	-
4000	Reference version number	C an..35	-
1060	Revision number	C an..6	-

**Tag M/C Value Description**

C506		REFERENCE	Identification of a reference.
1153		Reference qualifier	Code giving specific meaning to a reference segment or a reference number.
M	ACW	REFERENCE NUMBER TO PREVIOUS MESSAGE	Reference number assigned to the message which was previously issued.
Instruction: The following references refer to important key references in the data of the IFTDGN message being answered to:			
C	SSX	SHIP'S STAY REFERENCE NUMBER	Reference number assigned by the authority in the port to a certain call of the vessel in that port.
C	ALG	DANGEROUS GOODS SECURITY NUMBER	Reference allocated by an authority in order to control the dangerous goods on board a specific means of transport for dangerous goods security purposes.
C	FF	FREIGHT FORWARDER'S REFERENCE NUMBER	[1460] Reference number assigned to the consignment by the freight forwarder.
C	AAY	CARRIER'S AGENT REFERENCE NUMBER	Reference number assigned by a carriers agent to a transaction.
1154		Reference number	Identification number the nature and function of which can be qualified by an entry in data element [1153] Reference qualifier.
Instruction: In case of qualifier ACW: MESSAGE REFERENCE ANSWERED TO			
The message reference of the message instance being answered to by this acknowledgment message, as it was completed in received the message, in [1004] in BGM.			

**NAD NAME AND ADDRESS**

M

Function: To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

3035	PARTY QUALIFIER	M an..3	M
C082	PARTY IDENTIFICATION DETAILS	C	C
3039	Party Id identification	M an..35	M
1131	Code list qualifier	C an..3	-
3055	Code list responsible agency, coded	C an..3	-
C058	NAME AND ADDRESS	C	C
3124	Name and address line	M an..35	M
3124	Name and address line	C an..35	C
3124	Name and address line	C an..35	C
3124	Name and address line	C an..35	C
3124	Name and address line	C an..35	C
C080	PARTY NAME	C	C
3036	Party name	M an..35	M
3036	Party name	C an..35	C
3036	Party name	C an..35	C
3036	Party name	C an..35	-
3036	Party name	C an..35	-
3045	Party name format, coded	C an..3	-
C059	STREET	C	C
3042	Street and number/P.O. Box	M an..35	M
3042	Street and number/P.O. Box	C an..35	C
3042	Street and number/P.O. Box	C an..35	C
3042	Street and number/P.O. Box	C an..35	-
3164	CITY NAME	C an..35	C
3229	COUNTRY SUB-ENTITY IDENTIFICATION	C an..9	C
3251	POSTCODE IDENTIFICATION	C an..9	C
3207	COUNTRY, CODED	C an..3	C

**Tag M/C Value Description**

3035		PARTY QUALIFIER	Code giving specific meaning to a party.
	M MS	DOCUMENT/MESSAGE ISSUER/SENDER	Issuer of a document and/or sender of a message.
	M MR	MESSAGE RECIPIENT	Self explanatory.
C082		PARTY IDENTIFICATION DETAILS	Identification of a transaction party by code.
3039		Party Id identification	Code identifying a party involved in a transaction.
Condition:			For the message sender and the message recipient the party identification should be completed.
C058		NAME AND ADDRESS	Unstructured name and address: one to five lines.

3124	Name and address line Free form name and address description.
C080	PARTY NAME Identification of a transaction party by name, one to three lines.
3036	Party name Name of a party involved in a transaction.
C059	STREET Street address and/or PO Box number in a structured address: one to three lines.
3042	Street and number/P.O. Box Street and number in plain language, or Post Office Box No.
3164	CITY NAME Name of a city (a town, a village) for addressing purposes.
3229	COUNTRY SUB-ENTITY IDENTIFICATION Name of sub-entities (state, province) defined by appropriate governmental agencies, coded.
3251	POSTCODE IDENTIFICATION Code defining postal zones or addresses.
3207	COUNTRY, CODED Name of a country or other geographical entity as specified in ISO 3166.

**CTA CONTACT INFORMATION** (in NAD(MS) group)

C

Function: To identify a person or a department to whom communication should be directed.

3139	CONTACT FUNCTION, CODED	C an..3	-
C056	DEPARTMENT OR EMPLOYEE DETAILS	C	M
3413	Department or employee identification	C an..17	-
3412	Department or employee	C an..35	M

---

**Tag M/C Value Description**

C056 DEPARTMENT OR EMPLOYEE DETAILS  
Code and/or name of a department or employee. Code preferred.

3412 Department or employee  
The department or person, within an organizational entity, specified in the preceding data element, and referred to for action.

Instruction: May be completed with the contact person or department of the message sender that may be contacted for information about and/or the errors reported in this message.

**COM COMMUNICATION CONTACT** (in NAD(MS)/CTA group)

C

Function: To identify communication number of a department or a person to whom communication should be directed.

C076	COMMUNICATION CONTACT	M	M
3148	Communication number	M an..512	M
3155	Communication channel qualifier	M an..3	M

**Tag M/C Value Description**

C076		COMMUNICATION CONTACT Communication number of a department or employee in a specified channel.
3148		Communication number Complete communication number including country or area code when applicable. Also see: 3155 Communication channel qualifier.
Instruction:		May be completed with the communication number of the contact person or department of the message sender that may be contacted for information about and/or the errors reported in this message.
		No spaces or hyphens allowed.
3155		Communication channel qualifier Code identifying the type of communication channel being used.
C	TE	TELEPHONE Voice/data transmission by telephone.
C	FX	TELEFAX Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.



**ERC APPLICATION ERROR INFORMATION**

C

Function: To identify the type of application error within a message.

C901	APPLICATION ERROR DETAIL	M		M
9321	Application error, coded	M	an..8	M
1131	Code list qualifier	C	an..3	-
3055	Code list responsible agency, coded	C	an..3	-

---

**Tag M/C Value Description**

C901 APPLICATION ERROR DETAIL  
Code assigned by the recipient of a message to indicate a data validation error condition.

9321 Application error, coded  
The code assigned by the receiver of a message to the identification of a data validation error condition.

Instruction: Code for the type of error that was encountered in the message being processed.

Please refer to code list.

**FTX FREE TEXT** (in ERC group) C

Function: To provide free form or coded text information.

4451	TEXT SUBJECT QUALIFIER	M an..3	M
4453	TEXT FUNCTION, CODED	C an..3	-
C107	TEXT REFERENCE	C	-
4441	Free text identification	M an..17	-
1131	Code list qualifier	C an..3	-
3055	Code list responsible agency, coded	C an..3	-
C108	TEXT LITERAL	C	M
4440	Free text	M an..70	M
4440	Free text	C an..70	C
4440	Free text	C an..70	C
4440	Free text	C an..70	C
4440	Free text	C an..70	C
3453	LANGUAGE, CODED	C an..3	-

---

**Tag M/C Value Description**

Condition: The FTX segment is strongly recommended to be completed in case the ERC segment is completed.

4451 TEXT SUBJECT QUALIFIER  
Code specifying subject of a free text.

M AAO ERROR DESCRIPTION (FREE TEXT)  
Error described by a free text.

C108 TEXT LITERAL  
Free text; one to five lines.

4440 Free text  
Free text field available to the message sender for information.

Instruction: Free text description of the type of error (as indicated in ERC segment) that was encountered in the message being processed.

**RFF REFERENCE** (in ERC group)

C

Function: To specify a reference.

C506	REFERENCE	M	M
1153	Reference qualifier	M an..3	M
1154	Reference number	C an..35	M
1156	Line number	C an..6	-
4000	Reference version number	C an..35	-
1060	Revision number	C an..6	-

**Tag M/C Value Description**

C506 REFERENCE  
Identification of a reference.

Condition: This segment is may only be completed in case the APERAK message is an answer to an IFTDGN message.

1153 Reference qualifier  
Code giving specific meaning to a reference segment or a reference number.

Instruction: Code identifying the message section and or segment group where the error indicated in ERC segment applies.

M CNI Consignment information (new code)  
Code identifying that the reference number given applies to the consignment information segment group CNI in the referred message.

C GID Goods item information (new code)  
Code identifying that the reference number given applies to the goods item details segment group GID in the referred consignment.

1154 Reference number  
Identification number the nature and function of which can be qualified by an entry in data element [1153] Reference qualifier.

Instruction: CONSIGNMENT ID SERIAL - in case of qualifier CNI:  
To be completed with the value of the consolidation item number 1490 of the CNI segment group to which the error indicated in the  
ERC segment applies.

Instruction: GOODS ID SERIAL - in case of qualifier GID:  
To be completed with the value of the goods item number 1496 in the GID segment group to which the error indicated in the ERC segment applies.

**UNT MESSAGE TRAILER**

Function: To end and check the completeness of a Message.

0074	NUMBER OF SEGMENTS IN A MESSAGE	M n..6	M
0062	MESSAGE REFERENCE NUMBER	M an..14	M

---

**Tag M/C Value Description**

0074	NUMBER OF SEGMENTS IN A MESSAGE Control count including UNH and UNT.
------	---

0062	MESSAGE REFERENCE NUMBER A sender's unique message reference.
------	--

Instruction: This reference must be unique for the message occurrence regardless the message type and business application area. Data element [0062] must be identical in the UNH- and UNT-segment.

## 5.4 Code sets

0051	Controlling agency
	Desc.: Code to identify the agency controlling the specification, maintenance and publication of the message type.
	Repr.: an..2
UN	United Nations UN/ECE/TRADE/WP.4/EDIFACT
0057	Association assigned code
	Desc.: A code assigned by the association responsible for the design and maintenance of the message type.
	Repr.: an..6
PROT10	PROTECT Message version 1.0
0065	Message type identifier
	Desc.: Type of message being transmitted.
	Repr.: an..6
APERAK	Application Error and Acknowledgment message
1001	Document/message name, coded
	Desc.: Document identifier expressed in code.
	Repr.: an..3
DGN	Message type IFTDGN, International Forwarding and Transport Dangerous Goods Notification message
1153	Reference qualifier
	Desc.: Code giving specific meaning to a reference segment or a reference number.
	Repr.: an..3
AAY	CARRIER'S AGENT REFERENCE NUMBER Reference number assigned by a carriers agent to a transaction.
ACW	Reference number to previous message Reference number assigned to the message which was previously issued.
ALG	Dangerous goods security number Reference allocated by an authority in order to control the dangerous goods on board a specific means of transport for dangerous goods security purposes.
CNI	Consignment information (new code) Code identifying that the reference number given applies to the consignment information segment group CNI in the referred message.
FF	Freight forwarder's reference number [1460] Reference number assigned to the consignment by the freight forwarder.
GID	Goods item information (new code) Code identifying that the reference number given applies to the goods item details segment group GID in the referred consignment.
SSX	Ship's stay reference number Reference number assigned by the authority in the port to a certain call of the vessel in that port.

1225	Message function, coded	
	Desc.: Code indicating the function of a message.	
	Repr.: an..3	
9	Original	Initial transmission related to a given transaction.
2005	Date/time/period qualifier	
	Desc.: Code giving specific meaning to a date, time or period.	
	Repr.: an..3	
137	Document/message date/time	(2006) Date/time when a document/message is issued. This may include authentication.
2379	Date/time/period format qualifier	
	Desc.: Specification of the representation of a date, a date and time or of a period.	
	Repr.: an..3	
203	CCYYMMDDHHMM	Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minute.
3035	Party qualifier	
	Desc.: Code giving specific meaning to a party.	
	Repr.: an..3	
MR	Message recipient	Self explanatory.
MS	Document/message issuer/sender	Issuer of a document and/or sender of a message.
3155	Communication channel qualifier	
	Desc.: Code identifying the type of communication channel being used.	
	Repr.: an..3	
FX	Telefax	Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.
TE	Telephone	Voice/data transmission by telephone.
4343	Response type, coded	
	Desc.: Code specifying the type of acknowledgment required or transmitted.	
	Repr.: an..3	
AP	Accepted	Indication that the referenced offer or transaction (e.g., cargo booking or quotation request) has been accepted.
AQ	Accepted for processing (new code)	Indication that the referenced offer or transaction (e.g., cargo booking or quotation request) has been accepted for processing by the receiving application (e.g. when processing is pending).
CA	Conditionally accepted	Indication that the referenced offer or transaction (e.g., cargo

	booking or quotation request) has been accepted under conditions indicated in this message.
RE	Rejected Indication that the referenced offer or transaction (e.g., cargo booking or quotation request) is not accepted.
RP	Rejected for processing (new code) Indication that the referenced offer or transaction (e.g., cargo booking or quotation request) has been rejected before it could actually being processed by the receiving application.

---

#### 4451 Text subject qualifier

Desc.: Code specifying subject of a free text.  
Repr.: an..3

AAO Error description (free text)  
Error described by a free text.

---

#### 9321 Application error, coded

Desc.: The code assigned by the receiver of a message to the identification of a data validation error condition.  
Repr.: an..3

100 tried to add detail to unknown notification  
101 tried to change detail section in unknown notification  
102 tried to delete detail from unknown notification  
103 tried to add detail to closed notification  
104 tried to change detail section in closed notification  
105 tried to delete detail from closed notification  
106 tried to change heading section of unknown notification  
107 tried to create notification with duplicate identification  
108 tried to change closed notification  
110 tried to cancel unknown notification  
111 tried to cancel closed notification  
112 duplicate message  
115 previous message not received  
119 CNI-number has already been used in this notification  
120 tried to change unknown detail  
121 tried to change deleted detail  
122 tried to delete unknown detail  
123 tried to delete deleted detail  
124 tried to delete last remaining detail  
201 declaring party not known  
202 agent not known  
203 forwarder not known  
220 technical name not indicated  
221 IMDG class not known  
222 IMDG class versus UN number: combination invalid  
224 page number IMDG code: format invalid  
226 flashpoint not indicated or not valid  
227 UN number or page number IMDG-code : not indicated  
228 type of package not indicated or invalid  
229 net weight not indicated  
231 quantity limitation exceeded  
234 handling not permitted at indicated berth / warehouse  
235 vessel does not come to port  
305 handling instruction not valid for declaring party  
317 reference to previous message not valid  
321 mode of transport not valid  
330 Radio Call Sign of vessel not indicated  
331 Radio Call Sign of vessel not valid  
340 Lloyd's number not valid  
341 Lloyd's number not indicated  
345 name of means of transport not indicated

350 Date of operation: not indicated or not valid  
351 date of operation (load) not indicated  
352 date of operation (discharge) not indicated  
355 location identification, berth code not indicated  
356 location identification, berth code not valid  
357 location identification, terminal code not valid  
358 location identification, berth code or terminal code not valid  
360 reference to freight forwarder not indicated  
361 reference to freight forwarder not valid  
366 reference to agent not indicated  
367 reference to agent not valid  
370 ETA of referenced party not valid  
372 ETD of referenced party not valid  
375 date of operation is invalid/outside the period of stay  
  
376 Date of operation is after the date of on-carriage  
377 Date of operation is before the date of pre-carriage  
378 Date on-carriage is before arrival of pre-carriage means of  
transport  
379 Date pre-carriage is after departure of on-carriage means of  
transport  
380 Radio Call Sign or ETA and ETD have to be indicated  
395 party identification: not indicated/valid  
400 date arrival pre-carriage has to be indicated or is not valid  
401 date departure on-carriage has to be indicated or is not valid  
402 date arrival pre-carriage/date departure on-carriage: not  
indicated/valid  
405 ETA main-carriage on berth not indicated or not valid  
406 ETD main-carriage on berth not indicated or not valid  
500 ETD on-carriage not indicated or not valid  
505 location identification code warehouse not valid  
506 location identification, name/address warehouse not indicated  
531 transport license for explosives not indicated  
600 equipment identification invalid (EQD versus SGP do not match)



## 5.5 Data segment index

### *B*

**BGM** BEGINNING OF MESSAGE ..... 9

### *C*

**COM** COMMUNICATION CONTACT (in NAD(MS)/CTA group) ..... 16

**CTA** CONTACT INFORMATION (in NAD(MR) group) ..... 15

**CTA** CONTACT INFORMATION (in NAD(MS) group) ..... 15

### *D*

**DTM** DATE/TIME/PERIOD ..... 11

### *E*

**ERC** APPLICATION ERROR INFORMATION ..... 17

### *F*

**FTX** FREE TEXT (in ERC group) ..... 18

### *N*

**NAD** NAME AND ADDRESS ..... 13

### *R*

**RFF** REFERENCE ..... 12

**RFF** REFERENCE (in ERC group) ..... 19

### *U*

**UNH** MESSAGE HEADER ..... 8

**UNT** MESSAGE TRAILER ..... 20

## 5.6 Business data mapping

This paragraph shows the mapping of a real life business data attribute to its corresponding EDIFACT data segment in the Application error and acknowledgment message.

### Business data attribute ..... corresponding EDIFACT segment

CONSIGNMENT ID SERIAL..... RFF in ERC group

DGN REFERENCE FORWARDER ..... RFF

DGN SECURITY FILE REFERENCE..... RFF

GOODS ID SERIAL..... RFF in ERC group

MESSAGE RECIPIENT ID and NAME & ADDRESS, etc..... NAD

MESSAGE REFERENCE..... BGM

MESSAGE REFERENCE ANSWERED TO ..... RFF

MESSAGE REFERENCE ANSWERED TO ERROR DESCR CODE ..... ERC

MESSAGE REFERENCE ANSWERED TO ERROR DESCR TEXT ..... FTX in ERC group

MESSAGE REFERENCE ANSWERED TO PROCESSING DATE/TIME..... DTM

MESSAGE REFERENCE ANSWERED TO MESSAGE TYPE..... BGM

MESSAGE SENDER CONTACT NAME..... CTA in NAD

MESSAGE SENDER CONTACT PHONE/FAX..... COM in NAD/CTA group

MESSAGE SENDER ID and NAME & ADDRESS, etc..... NAD

\*\*\*